

CA Freight Mobility Plan Strategy Worksheet

CA Freight Advisory Committee

Vision Statement: As the national gateway for international trade and domestic commerce, California enhances economic competitiveness by collaboratively developing and operating an integrated, multimodal freight transportation system that provides safe, sustainable freight mobility. This system facilitates the reliable and efficient movement of freight while promoting a prosperous economy, social equity, and a healthy environment.

Strategies by Goal		Responsible Agency/Organization	Necessary Tools	Priority (Short/Medium/Long)
1	Economic Competitiveness - Improve the contribution of the California freight transportation system to economic efficiency, productivity, and competitiveness			
1	Conduct a cost benefit analysis for each freight project proposed for programming			
2	Reduce transportation costs by eliminating bottlenecks and recurrent delay, making operational improvements, and accelerating rapid incident response on priority freight corridors and ports of entry			
3	Seek creation of national, state, and regional dedicated freight funding programs			
4	Expand capacity of freight corridors, or subsections, where demand is at or exceeds capacity through infrastructure or operational improvements			
5	Eliminate unnecessary freight lifts or handling			
6	Improve system condition and performance on priority freight corridors			
7	Coordinate with other states and regions to improve multi-jurisdictional freight corridors to reduce delay, increase speed, improve reliability, and improve safety			

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2	Safety and Security - Improve the safety, security, and resilience of the freight transportation system			
1	Reduce points of conflict on the freight system by constructing railroad grade crossings where there is a history of crashes and at crossings that have high volume of vehicle and train traffic			
2	Create truck-only lanes and facilities and encourage off-peak usage			
3	Fully implement positive train control			
4	Expand number and scope of cargo security screenings			
5	Expand the system of truck parking facilities			
6	Ensure consistent and effective safety and security requirements at all California ports			
7	Identify alternate freight routes to maintain freight movement at times of disruption by disaster			
8	Inventory and assess risks for freight facilities vulnerable to sea level rise and other natural disasters and prioritize for abandoning, armoring, adapting, moving, or replacing			

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3	Freight System Infrastructure Preservation - Improve the state of good repair of the freight transportation system			
1	Ensure adequate and sustainable funding for preservation of the freight system			
2	Expand scope of freight system rehabilitation projects to include facility modernization, where possible and merited, to increase range of available funding sources			
3	Make preservation projects multi-purpose			
4	Identify maintenance and preservation needs on priority freight corridors			

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4	Environmental Stewardship - Avoid and reduce adverse environmental and community impacts of the freight transportation system			
1	Establish location specific impact reduction goals and projects			
2	Incentivize and prioritize freight projects that maximize GHG, criteria pollutant, and air toxics emission reductions			
3	Incentivize impact reduction			
4	Implement projects in designated freight corridors or regions that are specifically targeted to avoiding, reducing or mitigating freight impacts on the environment and community			
5	Support and fund research focused on achieving impact reductions and mitigation			
6	Ensure that there is coordination and alignment of the plan with state GHG reduction goals and requirements and state and federal air quality standards			

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5	Congestion Relief Strategies - Reduce costs to users by minimizing congestion on the freight transportation system			
1	Create multi-modal freight bottleneck list for priority corridors and prioritize for correction			
2	Identify most congested freight corridors and facilities and prioritize for improvement			
3	Implement detection on priority corridors and ports of entry to identify problem areas across modes, particularly targeted to truck data			
4	Construct railroad grade crossings at high volume roadway crossings			
5	Add mainline track and sidings to accommodate demand for freight and passenger rail services			
6	Implement system management and expand freight travel information availability with the focus on freight corridors			
7	Expand freight travel information availability to entire truck fleet			

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6	Innovative Technology and Practices Strategies - Use innovative technology and practices to operate, maintain, and optimize the efficiency of the freight transportation system while reducing its environmental and community impacts			
1	Freight plan priority for projects implementing state-of-the-art and demonstration technologies			
2	Support deployment of new, non-fossil fuel distribution, recharging facilities, and shore-side power on the freight system, focusing on particular regions and corridors			
3	Support implementation of new engine technologies that are cleaner and quieter			
4	Research opportunities for automation of some freight movements			
5	Support the development and acquisition of innovative modeling tools and data to help guide and track performance of the system			